

SOUTH PRODUCTION NOTES

March 16, 2016

7-3 Shift Notes

BASF EMPLOYEES

110 Last Recordable

177 Last Lost time

Title V Notes: Trimer repairs are complete. We can try to start it up in the morning after letting it cure overnight.

CTO – currently offline and damper valve actuator is scheduled to be repaired Wednesday.

F-1 Scrubber – Only sample scrubber and sump once per day (1st shift).

Sly Scrubber – Need to perform PM sampling once a day (2nd shift).

#8 Dust Collector – Locked out for maintenance to work on blowdowns.

#1 MED / AI-3945:

On hold until Trimer is determined to be acceptable.

When we start back up we need to keep the extruder speed between 20-25 per the engineer. We have been getting the best lab results that way. Make sure we are greasing end seals.

Don't get too far ahead of the calciner.

#1 RC / AI 3945:

On hold until Trimer is repaired, has been brought down.

#2 MED line / Styrene:

Started back up on midnights. Continue. One of the extruder pin heads broke off when reshimming auger. Pin is still in hole and is still holding. WOW for maintenance to help remove. Visitors may come and observe the process tomorrow. The rest of the raws arrived yesterday. When we start back up we need 3 to 4 scoops of wet mix in each batch to try and use up the few drums on the 3rd floor. **Do not leave cardboard on the used pallets.** Continue to feed recently run bags to the calciner first. We do not need to go in bag order, Justin would just like to get results on what we are currently making as we build feed. At the beginning of every shift, the mix operator should open the mixer, check the discharge valve to make sure it's open, check the chute to make sure it's not glazed over, and check the injectors. Make sure wet mix goes into white top drums. Water addition has been raised to 85 lbs. Do not wash Styrene down the drain – contains moly.

#2 RC/ Styrene:

Continue to feed recently run bags to the calciner. We do not need to go in bag order, Justin would just like to get results on what we are currently making as we build feed. Make sure that all fines/oversized drums are white top drums – due to the weight of the product and use of dry ice. The Floor CRT will need to take a sample out of the F1 scrubber and sump in B31 to wastewater once a day. Before unlocking building 31 sump WWTP will test these samples for moly and if the sump is low, we can unlock and send to WWTP. At all other times the west sump will remain locked out.

Need to remind operators that Styrene material can't be washed down the drain.

#3 MED line / D-0717 LAQ

Started on afternoon shift. Continue. No instructions as to when to stop getting ahead of the calciner. Will need to communicate with John on that. The valve that switches from the bag off station to the hopper has been locked out so that we cannot run direct until the calciner is cleaned and ready for the LAQ material. Make sure we are greasing end seals once per shift.

#3 RC / D-0717 LAQ

Continuing on clean up.

Feed in batch order and fill out calciner feed sheets.

#4 RC / D-0222:

Holding for trimer repairs.

When we resume running keep an eye on the oversize screen (blinding over).

Oversize screen has been changed over to 2 mesh per Andrea.

Remember that your feed rate is not only based on the syntron settings but also the amount of fines and oversized material coming off the calciner. If the feed rate is dropping check the screener first to see if it is blinded over.

Keep a close eye on the temps and feed rate, we have been underfiring material.

Feed oversize into a bag and keep for refeeds later in the run.

#5 RC / 4011 next: Full cleaning

Continue cleaning. Dust Collector cartridges have been installed even though they are not signed off on clean up sheet.

When running, feed Hopper should not be filled past 2ish feet below the top to allow room for blowdowns. HEPA filter was last changed out 2-25-16 on midnight shift.

#6 RC & Dryer / D-1781 LAQ:

set up to run dryer directly to bags without going through RC. Still have a 1 buggy to get through dryer then will need to be cleaned up. Calciner has been cleaned and is lit and coming up to temp for burner tuning. 5 buggies have been flipped and cleaned and are in 31 for the trial. Material coming off needs to be labeled as Dried-Refeed. Will have to get calcined after the trial run this week.

Do not use check weigh scale in bldg 27 until OCS calibrates. Take drums to bldg 31 to check weigh.

West Pfaudler / D- 0222:

Tank 7 has been completed and sample submitted to lab. **Only use material from Lot 191.** Should be making at least 2 batches per shift.

East Pfaudler/ D-1781 LAQ:

Clean up complete and lid put back on. We need to bring D1717 Lot 1 Bags 2-5 up to the 3rd floor so we are staged to go. This has been done. Do not load until engineer gives okay and is there to observe (Wed or Thur tentatively).

6 Tank: D-0222 solution:

Do not make a tank, hold for engineering approval.

7 Tank: D-0222 Solution:

Batch complete and sample sent to lab. Watch temperature.

National Dryer / D-0222:

Feed as material is available. Grodecki gave the okay to use the material made with Lot 186 raws.

PK Blender / 4011/4010 next:

We would like to power wash out the PK to see if we get a bunch more lining off, but the power washer does not work – a new pressure washer has been ordered. **Need to make sure that the building is being cleaned up! Contact EHS to get it de-reged when clean.**

Dust collector can be blown down by switching the magnahelic gauge to 0 and then shutting off the blower when it starts to blow down. DC gauge has been added to Wonderware and has been moved over to near the weigh tank. Gauge should be set at 3.5 and 4.25.

Abbe Blender / D 5206:

HF tote has been closed up and Abbe lid was remove and vessel cleaned out. Cover plates over open hole in floor have been reinstalled.

Tower 3 / Cu-1230:

Tower running.

Tower 6 / Cu-1155:

Tower should complete sometime in the late morning. Plan is to unload late on 1st shift Wed after Kristen can do some monitoring. We also have to coordinate opening the lid.

North Screener /Cu-1155:

Screener is set up for Cu-1155. Holding for engineering

South Screener /Cu-1155:

Continue to run. Keep an eye on the feed rate.

#2662 (west) Pill Machine /

Back together and holding.

#2664 (east) Pill Machine /

Back together and holding.

TK #2 / Zr-0404:

Done. Blowers have been turned off and kiln is down.

Leave the saggars on - we don't know what product we will be going to next.

TK #4 / Cu-2508 DONE, X-540 next:

Blowers have been turned off and kiln is down. Clean and swap out saggars when time permits. Need MOD. Had issues with the hydraulic system kicking out, and also the screener. Has been operating at a lower than normal pressure - WOW.

Harrop Kiln / Al-4196:

Continue to run. More material was found last night continue.

Building 27 Belt Filter / Cu 5020:

Will not be starting up for a while...nothing on schedule. Maintenance is currently doing repairs to the belt and will let us know when they are finished.

We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.

PRIORITIES:

- 1) East Pfaudler/#6 RC
- 2) West Pfaudler/Nat'l Dryer/#4RC/Trimer
- 3) #1 MED/RC
- 4) #3 MED/RC/CTO
- 5) #2 RC South
- 6) #5 RC (Change over for 4011/4010)
- 7) #2 MED
- 8) Reduction Towers
- 9) Harrop Kiln